

# CMA Executive Recruiters

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754 St. Albans Drive, Suite 300 \* Boca Raton, FL 33427-3123 \* Ph (561) 417-8407 \* Fax (561) 417-8408 \* Email [cma@cmafl.com](mailto:cma@cmafl.com)

## Electrical Reliability Engineer

### Job Description

A dynamic Chemical Corporation has an immediate opening for an **Electrical Reliability Engineer** at its chemical intermediates facility in Decatur, Ala. This position requires a highly motivated candidate who enjoys a fast-paced, team-oriented environment and supports a "Maintenance Excellence" philosophy aimed at continuously improving OEE. This position requires great team skills, critical-thinking and advanced problem-solving skills. The ideal candidate will have a personal drive to develop expertise. The Electrical Reliability Engineer will primarily drive reliability improvements through the use of reliability tools and techniques including RCM and FEMAs. This position also provides daily technical and practical engineering support and troubleshooting advice to operations and maintenance. Systems or assets include motor control centers, PLCs, 480 VAC distribution systems, temperature, flow, and pressure instrumentation, and control valves.

### Primary Responsibilities

- Lead RCM and FMEA initiatives.
- Provide daily support to operating areas with emphasis on both short-term and long-term reliability improvements.
- Support reliability improvement programs aimed at developing skilled maintenance and operating personnel in the deployment of a "Maintenance Excellence" philosophy, with focus on continuous improvement of OEE.
- Optimize maintenance work wherever possible; assuring the safe maintainability and reliability of plant assets.
- Analyze CMMS (SAP) equipment history.
- Support equipment inspections, adjustments, replacements, and overhauls.
- Develop and implement preventative and predictive strategies that drive reliability improvements.
- Reduce chronic and repetitive failures by leading and participating in root cause failure analyses.

### Required Skills

- BSEE
- Demonstrated troubleshooting skills.
- Strong oral and written communication skills.
- Ability to work well with others and with cross functional teams.
- Customer focused and be able to take initiative and independent action.
- Results oriented.

### Required Experience

- Three years experience as an electrical reliability or maintenance engineer with 480 volt, PLC, instrumentation troubleshooting, and PM/PdM program experience.
- Strongly prefer prior chemical plant/refinery experience.
- Strongly prefer CMRP certification.
- Prefer experience with Allen Bradley PLC's.
- Prefer experience with SAP
- Experience with RCM/FMEA

**Job Location:** Decatur, AL

**Compensation:** DOE

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